



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

April 1, 2010

Mr. Thomas Kehoe
Christopher Burke Engineering LTD
9575 W. Higgins Road, Suite 600
Rosemont, IL 60018

RE: Ridgeport Logistics Center
IDNR Project #1006885

Dear Mr. Kehoe:

This letter concerns the Endangered Species Consultation for the Ridgeport Logistics Center located in Will County, south of Lorenzo Road, Wilmington. This project was submitted for consultation in accordance with the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code* Part 1075.

The development is an industrial park along with associated parking lots, docking areas, access drives, utilities, and stormwater management facilities.

Protected resources in the vicinity include black sandshell mussels (*Ligumia recta*), Blanding's turtle (*Emydoidea blandingii*), Franklin's ground squirrel (*Spermophilus franklinii*), loggerhead shrike (*Lanius ludovicianus*), pallid shiner (*Hybopsis amnis*), purple wartyback mussels (*Cyclonaias tuberculata*), river redhorse (*Moxostoma carinatum*), sheepsnose mussels (*Plethobasus cyphus*), spike mussels (*Elliptio dilatata*), eryngium stem borer (*Papaipema eryngii*) and upland sandpiper (*Bartramia longicauda*).

To minimize the impacts to aquatic species, Christopher B. Burke Engineering has agreed to the following measures to control the quantity of storm water runoff and to maximize the quality of the runoff discharged from the site.

- 1.) The storm water management plan was designed to meet the standards set by Will County Storm Water Ordinance with respect to release rate and storage volume. Detention facilities have two-stage restrictors designed to control the 2-yr release rate of 0.04 cfs/acre and the 100-year release rate of 0.15 cfs/acre. Additionally Best Management Practices will reduce runoff volumes by promoting infiltration of runoff and increasing the holding time. Holding of water on-site is estimated at 90% of predevelopment volume.
- 2.) Water quality is maximized through Best Management Practices by removing suspended solids before the water is discharged downstream. Best Management Practices include a Rubber Roof system, Dry Wells, Rain Gardens, Wetland Bottom ponds, Sediment Basins, and Wet Ponds with Deep Water Outlets.

Recommendations to protect upland species include removing habitat before arrive of migratory species. Grass and weeds that serve as foraging and nesting areas should be mowed between November 1st and April 1st thus removing potential habitat. Piles of dirt should not be left standing near the railroad tracks.

Other measures to be incorporated into the planning process include the following:

To minimize adverse impacts to wildlife and public open space lands, the Department recommends Dark Sky Lighting. The Joliet South Side Comprehensive Plan recommends outdoor lighting that is designed to avoid glare and excessive spillage upon adjacent properties or public rights-of-way. For guidelines see <http://www.darksky.org/mc/page.do?sitePageId=58881>

To minimize possible adverse impacts to Blanding's turtle, the Department recommends the following:

- 1.) Educate and inform construction crews about Blanding's Turtles before work begins. Distribute photos (adult and juvenile) of the turtle and make crews aware that harming or harassing turtles is illegal.
- 2.) To prevent turtles from entering the construction areas, exclusionary fencing should be in place from the end of March and remain until October. Erosion control fencing may be buried to fulfill this requirement. Daily inspections should occur for the first two weeks and then be maintained weekly throughout the construction period to ensure the exclusionary fencing has been properly installed (dug into the ground) and to check if any turtles are present.

Invasive plant species such as teasel (*Dipsacus fullonum*) should be monitored and controlled. It is important to utilize native plant species (trees, shrubs, and forbs) whenever possible. Rattlesnake master (*Eryngium yuccifolium*) is the host plant for eryngium stem borer. It would be highly beneficial if any prairie reconstruction would have a large component (> 100 plants) of this species.

The Department wishes to acknowledge the efforts of the Ridge Property Trust to be a green partner in its industrial development efforts. Please keep in mind the potential for wind or solar projects as your development proceeds through its numerous phases.

Consultation on the part of the Department is completed. In accordance with 17 Ill. Adm. Code 1075.40(h), Will County must notify the Department of its decision regarding these recommendations, whether they will:

- Allow the action to proceed as originally proposed;
- Require the action to be modified per Department recommendations (please specify which measures if not all will be required); or
- Forgo the action.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Please feel free to consult with the Department and renew the environmental review as the project progresses.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Sincerely,

A handwritten signature in cursive script that reads "Tracy Evans".

Tracy Evans
Impact Assessment
(217) 782-7940